

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An image display apparatus, comprising:
  - an image signal processing circuit receiving an image signal and processing the image signal for display as an image;
  - an image display unit receiving the image signal processed by the image signal processing circuit, and displaying the processed image signal as an image on a screen; and
  - a control circuit receiving said image signal from said image signal processing circuit and varying a waveform characteristic of the image signal in a periodic manner.
2. (Previously Amended) The image display apparatus of claim 1, wherein the image is divided into spatial lines and temporal frames, and the control circuit alters said waveform characteristic once per spatial line in each temporal frame.
3. (Previously Amended) The image display apparatus of claim 2, wherein the control circuit also alters said waveform characteristic once per said temporal frame in each said spatial line.

4. (Previously Amended) The image display apparatus of claim 3, wherein the control circuit comprises a timing circuit receiving a first synchronizing signal indicating said spatial lines and a second synchronizing signal indicating said temporal frames, and generating a timing signal by dividing a frequency of the first synchronizing signal, toggling the timing signal once per said spatial line and reversing a phase of the timing signal once per said temporal frame, said waveform characteristic being controlled according to the timing signal.

5. (Previously Amended) The image display apparatus of claim 1, wherein the control circuit has a variable inductance element, and varies said waveform characteristic by passing the image signal through the variable inductance element.

6. (Original) The image display apparatus of claim 5, wherein the variable inductance element comprises a coil having a primary winding and a secondary winding, the image signal passing through the primary winding, the control circuit alternately opening and closing the secondary winding.

7. (Currently Amended) ~~The image display apparatus of claim 1~~  
An image display apparatus, comprising:

an image signal processing circuit receiving an image signal  
and processing the image signal for display as an image;

an image display unit receiving the image signal processed by  
the image signal processing circuit, and displaying the processed  
image signal as an image on a screen; and

a control circuit varying a waveform characteristic of the  
image signal in a periodic manner,

wherein said waveform characteristic is an amplitude  
characteristic, and the control circuit comprises:

a first amplifier circuit amplifying the image signal with a  
first gain characteristic;

a second amplifier circuit amplifying the image signal with a  
second gain characteristic differing from the first gain  
characteristic; and

a timing circuit selecting the first amplifier circuit and the  
second amplifier circuit alternately.

8. (Original) The image display apparatus of claim 7, wherein the  
second amplifier circuit includes a frequency compensation network  
causing the second gain characteristic to differ from the first  
gain characteristic at certain frequencies.

9. (Currently Amended) ~~The image display apparatus of claim 1 An~~  
image display apparatus, comprising:

an image signal processing circuit receiving an image signal  
and processing the image signal for display as an image;

an image display unit receiving the image signal processed by  
the image signal processing circuit, and displaying the processed  
image signal as an image on a screen; and

a control circuit varying a waveform characteristic of the  
image signal in a periodic manner,

wherein said waveform characteristic is a timing characteristic,  
and the control circuit comprises:

a first amplifier circuit amplifying the image signal;

a delay line delaying the image signal;

a second amplifier circuit coupled to the delay line,  
amplifying the delayed image signal; and

a timing circuit selecting the first amplifier circuit and the  
second amplifier circuit alternately.

10. (Original) The image display apparatus of claim 1, further  
comprising a control unit that determines a resolution of the image  
signal and activates the control circuit, depending on the  
resolution.

11. (Original) The image display apparatus of claim 1, further comprising an external control for activating the control circuit if the displayed image includes a moire pattern.

12. (Currently Amended) A method of processing an image signal for display as an image by an image display unit, comprising the step of:

periodically varying a waveform characteristic of the image signal by acting directly on said image signal.

13. (Previously Amended) The method of claim 12, wherein the image is divided into spatial lines and temporal frames, and said step of periodically varying alters said waveform characteristic once per spatial line in each temporal frame.

14. (Previously Amended) The method of claim 13, wherein said step of periodically varying also alters said waveform characteristic once per said temporal frame in each said spatial line.

15. (Original) The method of claim 12, wherein said step of periodically varying further comprises the step of passing the image signal through a variable inductance element.

16. (Currently Amended) ~~The method of claim 12A method of processing an image signal for display as an image by an image display unit, comprising the step of:~~

periodically varying a waveform characteristic of the image signal,

wherein said step of periodically varying further comprises the steps of:

amplifying the image signal with a first gain characteristic to generate a first amplified signal;

amplifying the image signal with a second gain characteristic, differing from the first gain characteristic, to generate a second amplified signal; and

selecting the first amplified signal and the second amplified signal alternately.

17. (Original) The method of claim 12, wherein said step of periodically varying further comprises the step of periodically delaying the image signal.

18. (Original) The method of claim 12, further comprising the step of determining a resolution of the image signal, said step of periodically varying being performed depending on the resolution.

19. (Original) The method of claim 12, wherein said step of periodically varying is performed if the displayed image includes a moire pattern.